

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Neil RAVEN *et al.*

Appl. No.: *To Be Assigned*

Filed: *Herewith*

For: **Degradation and Detection of TSE  
Infectivity**

Art Unit: *To Be Assigned*

Examiner: *To Be Assigned*

Atty. Docket: 1581.0990001/RWE/VSR

**Information Disclosure Statement under 37 C.F.R. § 1.97(b)**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98. A copy of each document is provided.

In accordance with 37 C.F.R. § 1.98(a)(3), Applicants' undersigned representative submits the following discussion of the relevance of the non-English language document AN1 cited on Form PTO 1449:

Document AN1 is in the German language. The relevance of Document AN1 can be ascertained by reference to the International Search Report for the priority application PCT/GB02/00052, cited herewith as Document AT2. The documents were cited in a search report by a foreign patent office in a counterpart foreign application. Submission of an English language version of the search report that indicates the degree of relevance found by the foreign office is provided in satisfaction of the requirement for a concise explanation of relevance. 1138 OG 37, 38.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates

should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

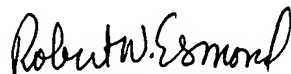
This Information Disclosure Statement is being filed within three months of the date of filing. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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SKGF Rev. 12/1802 mac; Rev. 04/18/03 svb

FORM PTO-1449  <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 1581.0990001/RWE	APPLICATION NO. To Be Assigned
	APPLICANT Raven et al.	
	FILING DATE Herewith	GROUP To Be Assigned

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	4,597,762	07/01/1986	Walter et al.			11/10/1981
	AB1	4,614,549	09/30/1986	Ogunbiyi et al.			01/09/1985
	AC1	5,192,677	03/09/1993	Kinsella et al.			06/11/1991
	AD1	5,223,166	06/29/1993	Disch et al.			11/26/1990
	AE1	5,234,832	08/10/1993	Disch et al.			05/17/1989
	AF1	5,810,944	09/22/1998	Smitkowski et al.			PCT Filed: 02/26/1996 371 Date: 10/29/1996
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL1	WO 90/02562	03/22/1990	WIPO			Yes No
	AM1	WO 97/28192	08/07/1997	WIPO			Yes No
	AN1	DE 197 30 132 A1	02/11/1999	Germany			Yes X No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>1</u>	Buschmann, A., et al., "Cellular Prion Proteins of Mammalian Species Display an Intrinsic Partial Proteinase K Resistance," <i>Biochem. Biophys. Res. Comm.</i> 253:693-702, Academic Press (1998)
	AS	<u>1</u>	Kellershohn, N. and Laurent, M., "Species barrier in prion diseases: a kinetic interpretation based on the conformational adaption of the prion protein," <i>Biochem. J.</i> 334:539-545, Portland Press on behalf of the Biochemical Society (1998)
	AT	<u>1</u>	Perrett, S., et al., "Equilibrium Folding Properties of the Yeast Prion Protein Determinant Ure2," <i>J. Mol. Biol.</i> 290:331-345, Academic Press (1999)

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>2</u>	Taylor, D.M., "Inactivation of Transmissible Degenerative Encephalopathy Agents: A Review," Vet. J. 159:10-17, Harcourt Publishers Ltd. (January 2000)
	AS	<u>2</u>	Warwicker, J., "Species Barriers in a Model for Specific Prion Protein Dimerisation," Biochem. Biophys. Res. Comm. 232:508-512, Academic Press (1997)
	AT	<u>2</u>	International Search Report for International Patent Application No. PCT/GB02/00052, mailed October 16, 2002

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.